BANDWIDTH ALLOCATION SYSTEM
ABSTRACT OF THE DISCLOSURE

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Layered multicast provides a method of optimizing the reception data rate for a plurality of networked push media receivers having heterogeneous reception bandwidth. To reduce the latency of a pull medium element during multimedia event, the data rates for push media layers are reduced during transmission of the

10   pull medium. Further, a recently added layer of the push medium is dropped when the transmission of the push medium is initiated and attempts of the receiver to subscribe to a higher push medium layer are suppressed during pull medium reception.